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ABSTRACT

This annual report for the Alberta (Canada) Department of Advanced Education covers the year 1973. Emphasis is placed on the organization of the department of Advanced Education, report of the Deputy Minister, special student services division, program services division, administrative services division, communications and personnel services, and insitutions administered by Alberta Advanced Education. A statistical appendix is included. (MJM)

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The Second Annual Report 1973

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Alberta
ADVANCED EDUCATION

The Second Annual Report 1973

Alberta

ADVANCED EDUCATION

Explanatory Note:

Education in Alberta is under the jurisdiction of two departments, Advanced Education and Education. This report covers the period from July 1, 1972 to June 30, 1973 for Advanced Education. For this transitional period, separate reports have been prepared by the Alberta Colleges Commission and the Alberta Universities Commission for their terminal activities.

While this report provides information on Alberta Advanced Education activities prior to reorganization, the format generally follows current organizational structure.

Although a number of directorships were not functional in their present form during the reporting period, they have been included to assist in clarification of directions. Information on the activities of provincially-administered institutions is included in this report. However, institutions operating under Boards of Governors provide their own annual reports.

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Edmonton, February 1974

To His Honour

J. Grant MacEwan
Lieutenant Governor of the Province of Aiberta

Sir:

I have the honor to transmit the Annual Report of Alberta Advanced Education for the period from July 1, 1972 to June 30, 1973.

I remain, Sir,
your obedient servant
JAMES L. FOSTER
MINISTER
OF ADVANCED EDUCATION

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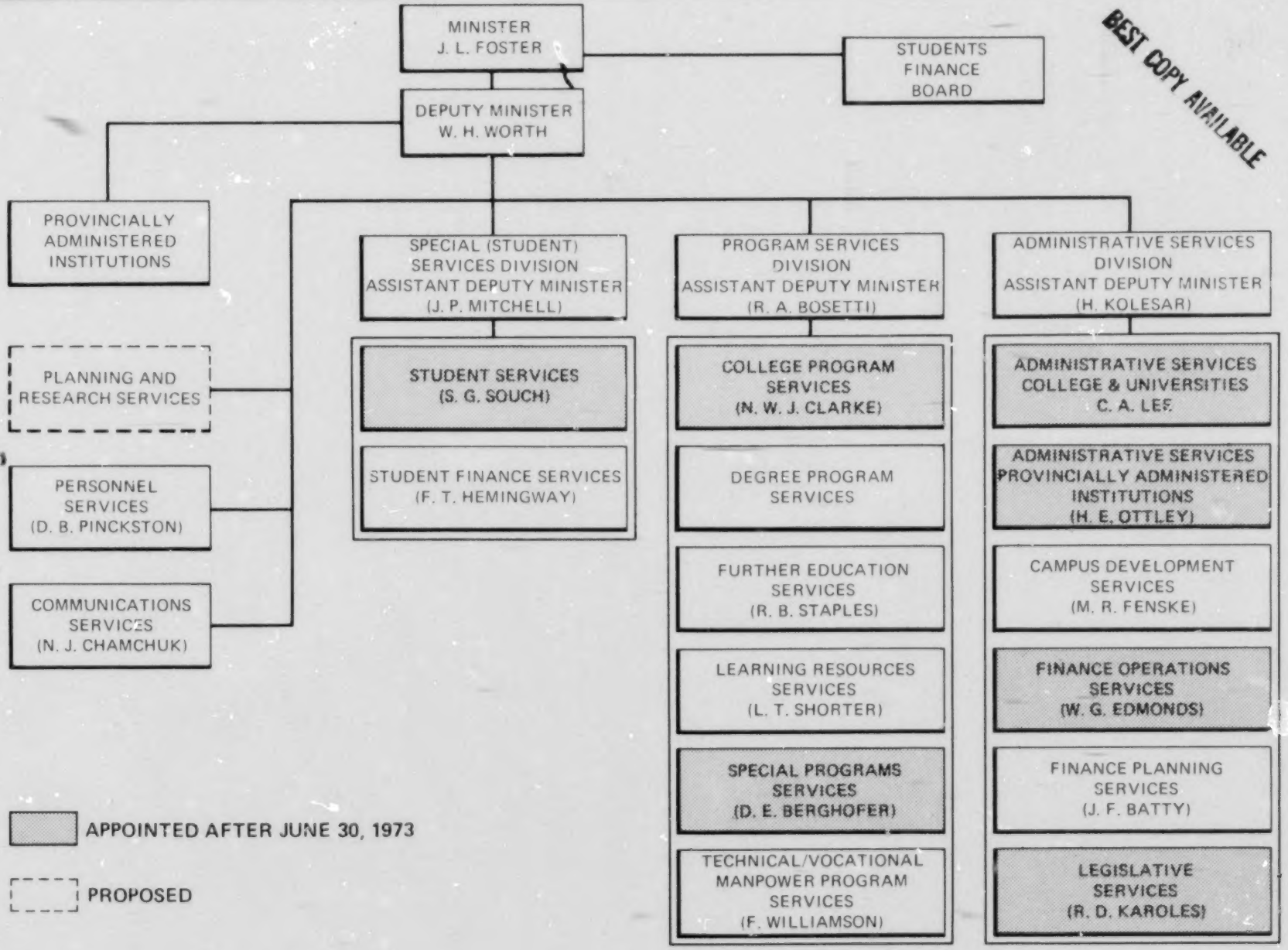

REPORT OF THE DEPUTY MINISTER

W. H. WORTH

I have the honor to submit the Second Annual Report of the Department of Advanced Education for the period ending June 30, 1973.

The past year has been one of extensive reorganization and expansion. In October, 1972, an Advisory Committee on Reorganization was charged with the responsibility of preparing a report on the reorganization of the Department of Advanced Education after extensive consultation with those affected and involved. On January 30, 1973, Executive Council approved the Advisory Committee's document entitled, REORGANIZATION OF THE DEPARTMENT OF ADVANCED EDUCATION, for implementation.

The major reasons for reorganizing the department were:

1) recognition of the need for improved co-ordination in all aspects of higher and further education to facilitate effective planning and efficient use of resources;

2) the assumption by the department, on April 1, 1973, of most of the responsibilities of the Alberta Colleges Commission and the Alberta Universities Commission;

3) the need to rationalize the relationships among existing branches of the department.

The reorganized department is based upon the philosophy that an enduring value in Canadian society is the belief in man's capacity for growth and self-fulfilment. Education is an important process through which this growth takes place: it is a life-long experience which is broader than institutional learning. Society's best interests are served in nurturing the fullest development of its members. Accordingly, a fundamental task of government is to provide for adequate and equitable learning opportunities for all its citizens. Citizen participation in policy-making and planning is essential to insure that the educational system is responsive to individual and societal needs.

Ideally, a system of advanced education should be predicated upon the following principles:

Co-ordination:
Various aspects of the advanced educational enterprise should function in harmony with each other and with other sectors or activities of society.

Efficiency:
The advanced education system should achieve an optimal use of available resources.

Adaptability:
The advanced education system should be able to respond easily to new circumstances and diverse needs.

Participation:
Those affected should share in the determination of policy for advanced education.

Quality:
The advanced education system should strive for excellence in everything that is undertaken.

The major functions of the department were identified as including the need:

1) to secure, allocate, and ensure the efficient use of resources for advanced education;
2) to identify needs and establish system-wide goals for advanced education;
3) to engage in system-wide anticipatory and inventive planning and policy development;
4) to provide for the preparation of an adequate and competent labor force;
5) to offer programs and services to meet special needs;
6) to clarify and implement legislation in the area of advanced education;
7) to provide co-ordination of programs and system monitoring;
8) to offer consultative services in advanced education;
9) to interpret advanced education services and functions to government and the public.

The functions to be performed by Alberta Advanced Education are, in essence, limited to those that cannot effectively be performed at the institutional or

local level.

The structure of the department, as represented by the preceding organizational chart, is based upon the concept that the co-ordinating and executive functions to be performed by the department fall into three broad categories: student services, program services and administrative services. These categories of functions are used as the basis for organization in order to avoid unnecessary duplication of functions and to facilitate intra-departmental co-ordination.

The Student Services Division is responsible for such matters as student assistance, housing, fees, health services, and counselling.

The Program Services Division is responsible for program co-ordination, a central program registry, transfer of credits and instructional modes and technology.

The Administrative Services Division is responsible for capital and operating finance, legislation and general administration.

Two common service units -- Communications and Personnel -- continue to serve both departments of education.

The reorganization of the department was to take place in three phases. Phase I involved the immediate recruitment and reassignment of those personnel required to make essential elements of the proposed structure operational by April 1, 1973. On that date, three Assistant Deputy Ministers and some Directors were appointed. An initial task involved the transfer of function and responsibility from the Alberta Colleges Commission and the Alberta Universities Commission to Alberta Advanced Education. The transfer was facilitated to a great extent by former commission personnel who had been appointed to positions in the newly reorganized department. By June 30, 1973, implementation of Phase I of the reorganization was well underway.

In the coming year the department will enter into Phase II of its reorganization which will involve a review and consolidation of legislation relating to advanced education. It is anticipated that this review will require 18 to 24 months to complete. Concurrently, remaining features of the reorganization plan will be implemented including the appointment of necessary staff, the development of a more extensive planning and research capability, and the establishment of the six Advisory Committees to the minister.

Phase III of the reorganization will occur over the next few years. It will involve ongoing modifications to the organization of the department based upon new legislation and changing needs.

This phased reorganization is the culmination of an evolutionary process in the planning and co-ordination of adult education in which this province has moved from an institutional through a sub-system to a system focus in an effort to keep pace with changes in demand, and with development in other aspects of our social and economic life.

SPECIAL (STUDENT) SERVICES

Alberta
ADVANCED EDUCATION

REPORT OF THE SPECIAL (STUDENT) SERVICES DIVISION

J. P. Mitchell, Assistant Deputy Minister (effective April 1, 1973)

The Division of Student Services, established on April 1, 1973, is to ensure effective co-ordination and consultative services are provided to potential and active adult students by institutions, service agencies, and/or by the department. Administrative operations of the Students' Finance Board were transferred to the division. Many of the activities of the former Division of Vocational Education were continued including:

1) studies of training needs and manpower development plans for northern Alberta, with particular reference to the Syncrude project;
2) liaison with other Alberta departments and agencies, and with Canada Manpower and Immigration regarding provincial manpower training;
3) co-ordination of the Nigerian Overseas Project on behalf of the Canadian International Development Agency.

Future activities of the division will involve:

1) studies of student housing, health services, and tuition fee structures;
2) development of support services for trainees in "northern" areas;
3) assessment of student finance programs.

REPORT OF STUDENT SERVICES

S. G. Souch, Director (effective November 1, 1973)

Student Services was not operational during the reporting period.

Anticipated leadership-service activities are:

1) development of a provincial system of adult education counselling and career guidance,
2) provision of information about educational and career opportunities to students;
3) information and consultation services to counsellors, and liaison on the matters with Manpower and Labour, Health and Social Development, and Canada Manpower;
4) development of a Vocational Information system for Alberta students (VISA);
5) administration of STEP and similar programs for advanced education.

REPORT OF THE DIVISION OF VOCATIONAL EDUCATION

(to the period ending March 31, 1973. Responsibilities have since been allocated to various other branches and divisions).
J. P. Mitchell, Director (ending March 31, 1973)

Responsibilities of the Division of Vocational Education during the period July 1, 1972 to March 31, 1973, include a wide range of training activities leading to career preparation. The 15 appropriations administered by the division during that period covered such services as:

1) institutional program offerings (Institutes of Technology, Alberta Vocational Centres and the Alberta Petroleum Industry Training Centre);

2) activities of the innovative Community Vocational Centres program in northwest Alberta;

3) various forms of assistance by which citizens are placed in training under terms of the Alberta Vocational Training Program, joint Alberta-Canada Manpower and Immigration assistance, Department of Indian Affairs and Northern Development sponsorship, the Canada Assistance Plan, and Health and Social Development sponsorship (see Statistical Table A).

A. THE PRIORITY EMPLOYMENT PROGRAM (TRAINING)

This provincial program was intended to increase the employability of citizens. The division of vocational education bore responsibility for the training element of the PEP Program, and co-ordinated activities of Alberta training institutions in: a) assessing individual and community needs, b) mounting programs to meet these needs, and c) providing appropriate financial support to trainees.

Participating in PEP training were the Agricultural and Vocational Colleges at Olds, Fairview and Vermilion, the Northern and Southern Alberta Institutes of Technology, the Alberta Vocational Centres at Calgary, Edmonton, Grouard, Fort McMurray and Slave Lake; Alberta College, Grant MacEwan Community College, Mount Royal College, Lethbridge Community College, Medicine Hat College, Grande Prairie Regional College, Red Deer College, Edmonton Public School Board and the Calgary Public School Board.

PEP training served 3,848 students by offering 173,790 student days of training.

B. THE OCCUPATIONAL TRAINING OF ADULTS AGREEMENT

This federal-provincial agreement resulted in the purchase by Canada Manpower and Immigration of training spaces in eligible provincial training programs. Purchase occurred in both apprenticeship and "General Purchase" (academic upgrading, short vocational programs) categories. The level of OTA purchase during the year was:

	Places	Training Days
Apprenticeship	10,524	317,546
General Purchase	6,372	501,277

(Also see Statistical Table B)

C. VOCATIONAL REHABILITATION OF DISABLED PERSONS AGREEMENT

Under terms of this agreement, disabled persons are tested, counselled, and placed in appropriate educational programs in a variety of institutions. During the period covered by this report, these benefits were extended to 971 students who were the recipients of 85,133 student training days. (See Statistical Table C).

D. THE NURSING AIDE TRAINING PROGRAM

This program remained the responsibility of Health and Social Development, with the division of vocational education offering some administrative support and use of facilities. During the year approximately 400 Nursing Aide students received 94,611 student days of training. (See Statistical Table D).

E. RURAL ALBERTA DRIVER TRAINING PROGRAM

By agreement this program was transferred from the Human Resources Development Authority to the division during the reporting year.

Operating in isolated northern Alberta regions not served by commercial driver training firms, the program has a field staff of driver training instructors who offered training to approximately 650 persons in 1972-73, leading typically to

the #7 learner's license and #5 license for light commercial vehicles. Program objectives are: a) to increase driver proficiency so that vocational opportunities as professional drivers become possible, b) to increase the mobility of rural residents so that they can avail themselves of educational/health/social assistance opportunities, and c) to improve the driving safety record of rural residents.

F. OVERSEAS NIGERIAN PROJECT

This project relates to the planning and development of a technical high school for Benin City, Nigeria. During the portion of the 1972-73 academic year in which the division of vocational education was operational, it proceeded with the design of a curriculum and the preparation of lists of appropriate equipment.

Part of the project included the provision of support services and advice for a number of Nigerian students who attended various Alberta post-secondary institutions. When these students return home they will become staff members at the Benin Technical High School.

The project advisor, George Sutherland, proceeded to Nigeria in March, 1973. Recruitment of the remaining seven members of the Canadian advisory group was completed in January, 1973, with subsequent orientation preceeding their departure for Nigeria the following summer.

REPORT OF THE STUDENTS' FINANCE BOARD

P. A. Tietzen, Chairman

In 1972-73, the board supervised the provision of financial assistance to students in most post-secondary institutions in Alberta and, in some cases, to students in high school programs. Students were assisted by: a) provincial government scholarships, prizes, bursaries, fellowships, grants, loans and remissions, b) Canada Student Loans, and c) funds from the Federal-Provincial Bilingual Education Program.

During the academic year, the province at the request of the board, increased the maximum support which the board could advance to a student in a given year from $3900 to $4600 per loan year. This increase was necessary in order to support students enrolled in 12 month professional programs. The board initiated research into student indebtedness and developed policies and procedures for the monitoring of student liability.

The board, in 1972-73, also established a committee comprised of university and government personnel to administer the federal-provincial bilingual education program for Alberta. Through this program students and teachers were supported in various aspects of bilingual education including fellowships, travel grants and teacher bursaries. Projects of school boards and universities were also funded on recommendation from this committee.

In co-operation with the University of Lethbridge the board initiated a special bursary program on a trial basis. The program made available bursaries (normally $500 per year) to students from rural areas of the province who enrolled for first-year studies at the University of Lethbridge.

The appeals procedure, established by the board in 1972, was changed so that mem-

bers of the Appeals Committee represented appropriate sectors of the advanced education community. In order to handle the volume of appeals, the board created a pool of appeals committee members in both Calgary and Edmonton.

Figure I shows that total assistance awarded in 1973 was slightly less than the previous year. Due to the liberalization of the Canada Students Loan Plan the board awarded an increased amount of Canada Students Loans with a corresponding reduction in the provincial loan. There was also a slight reduction of the total number of students assisted (see Figure II). Areas of growth which the board has noted, included married students in full-time attendance and the mature but single student returning from the labor market to attend post-secondary institutions full-time.

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FIGURE I

AMOUNT OF MONEY AWARDED FOR STUDENT ASSISTANCE 1968–1973

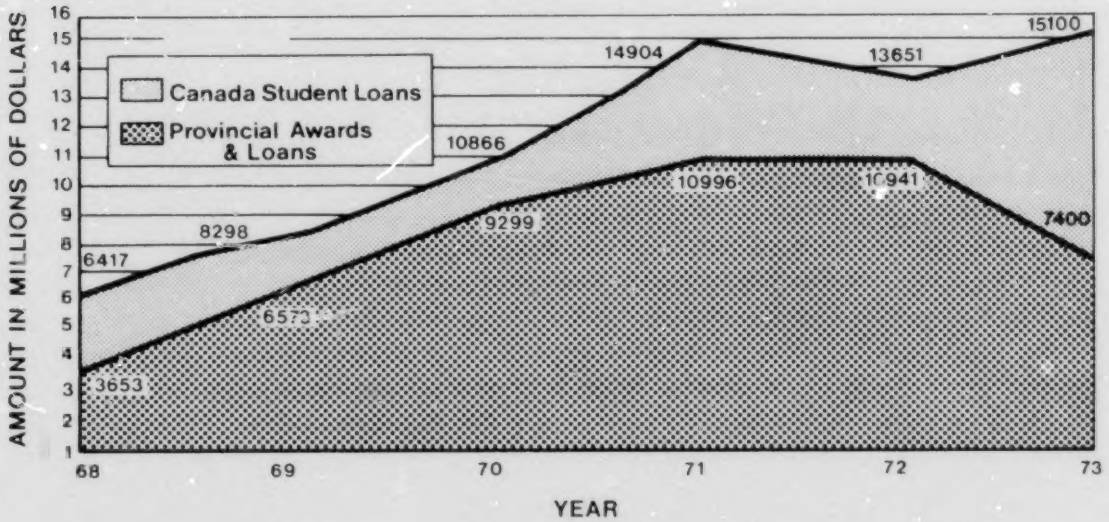
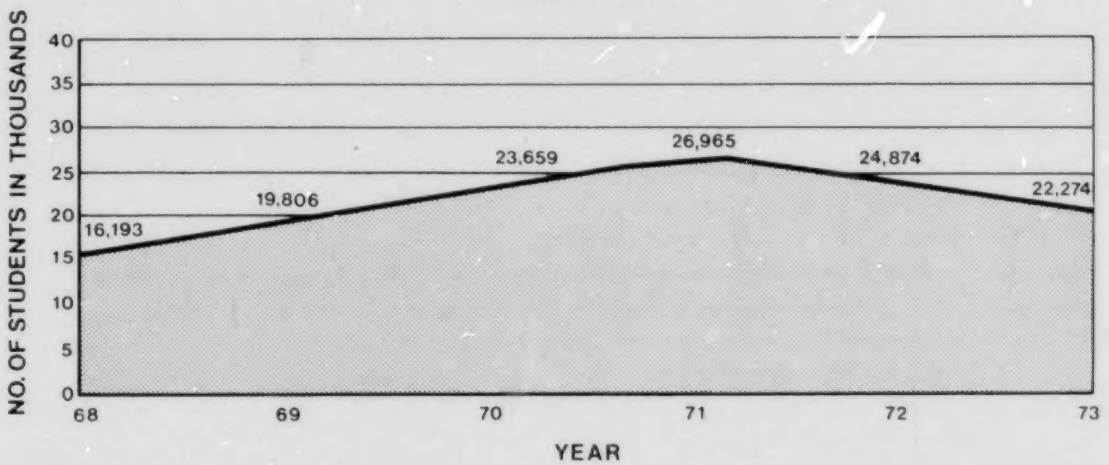


FIGURE II

NUMBER OF STUDENTS RECEIVING FINANCIAL ASSISTANCE 1968–1973



PROGRAM
SERVICES

Alberta
ADVANCED EDUCATION

REPORT OF THE PROGRAM SERVICES DIVISION

R. G. Fast, Assistant Deputy Minister (April 1, 1973 to November 30, 1973)
R. A. Bosetti, Assistant Deputy Minister (effective December 1, 1973)

The Program Services Division was established on April 1, 1973 with responsibilities for program assessment, program approval, development of a central program registry, and concern with accreditation, transferability, articulation, and instructional modes and technology. The major activity to the end of the reporting period was in developing proposed policies and procedures for program coordination.

Future functions of the division include:

1) long range program planning in higher and further education;

2) policies, guidelines, and procedures for the allocation of various special funds and grants intended to improve and extend educational opportunities;

3) maintenance of a central program registry;

4) clarification of institutional mandates;

5) review of the role of independent colleges;

6) reorganization of field service units;

7) preparation of a development plan for metric conversion.

REPORT OF COLLEGE PROGRAM SERVICES

R. A. Bosetti, Director (effective September 1, 1973 to November 30, 1973)
N. W. J. Clarke, Director (since December 1, 1973)

College Program Services had limited operation during the reporting period. College-level program reviews and approvals were carried over from operation of the Alberta Colleges Commission.

The anticipated duties relate to:

1) review of proposals for new programs from the six public and three agricultural and vocational colleges;

2) monitoring college role inconsistencies, variations and similarities;

3) leadership-service on the development of a program plan for the Banff Centre.

REPORT OF DEGREE PROGRAM SERVICES

This branch is not yet operational. The anticipated duties relate to:

1) application of program co-ordination policies, guidelines, and procedures with the four universities;

2) leadership-service in the preparation of a program development plan for provincial universities;

3) monitoring the progress of the experimental University of Lethbridge Co-operative Studies program.

REPORT OF FURTHER EDUCATION PROGRAM SERVICES

R. B. Staples, Director (effective April 1, 1973)

Further Education Program Services formerly operated as the Continuing Education Branch, initially under Alberta Education, and since April, 1972 under Alberta Advanced Education. It has functioned in its present form since April 1, 1973.

Previously, it was responsible for approving all credit and non-credit adult school extension programs operated by school boards and other agencies. Since April 1, 1973, high school credit programs for adults are the responsibility of Alberta Education. Non-credit programs remained the concern of Further Education Services. In the 1972-73 academic year, 45 school systems out of the total 142 operated non-credit school extension courses which were financially supported by Alberta Advanced Education. A total of 1,875 non-credit courses were approved.

Further Education Program Services also aided community-level co-ordination of adult education offered by various government agencies throughout the province. Approximately 40 Local Further Education Councils operated in various communities

in 1972-73 to promote communication and co-operation among various agencies offering part-time educational programs to adults. These councils attempt to assess the further education wishes and needs of persons in local areas and to promote the development of programs and services to meet them. The councils have also attempted to facilitate inter-agency communications and co-operation directed toward greater utilization of existing community facilities and resources by adult learners.

Other functions performed by the Further Education Program Services include approval of textbooks for use in English for New Canadians programs, and assistance to the Canadian International Development Agency in selection of Canadian adult educators for overseas work.

A significant undertaking in the months ahead will be the revision of policies, guidelines, procedures, and grant regulations governing further education programming and funding throughout the province.

REPORT OF LEARNING RESOURCES SERVICES

L. T. Shorter, Director (May 1, 1973 to October 31, 1973)

Learning Resources Services became operative May 1, 1973. The services of this directorship are chiefly of interest to libraries, audio-visual centres, extension departments, computer centres, and to all those people in adult education associated with these enterprises.

Its first task was to stimulate communication and interaction among those in higher and further education who have special concern for learning resources services in Alberta; and especially for the sharing of those resources so as to maximize their use and effectiveness. Thus, in its first months of operation, the branch:

1) initiated a newsletter entitled "Sourcery";

2) provided consultant services to the Alberta Library Study being conducted by Downey Research Associates;

3) undertook research and development projects for the Council of Education Ministers, Canada and the Western Canada Post-Secondary Co-ordinating Committee;

4) negotiated access for all colleges, technical institutes and vocational centres to the Alberta Education's Video Tape Dubbing Centre;

5) commenced development of a program whereby audio cassettes of recorded lectures were distributed to colleges and universities for the purpose of sharing learning resources.

Anticipated duties related to the assessment of computing services needs and systems in higher and further education.

REPORT OF SPECIAL PROGRAMS SERVICES

D. E. Berghofer (effective July 16, 1973)

Special Programs Services was not operational during the reporting period. Its focus will be upon programs and services which are generally inter-departmental and require liaison with a number of other agencies. These will include:

1) follow-up on the social services study undertaken by the Alberta Colleges Commission;

2) liaison, review, and development of programs related to the Health Services, Environment, and Bilingualism;

3) rationalization of nursing education programs;

4) development of day care services at vocational centres;

5) assessments of health manpower requirements as a basis for modifications in training programs.

REPORT OF TECHNICAL/VOCATIONAL MANPOWER PROGRAM SERVICES

F. Williamson, Director (effective April 1, 1373)

Technical/Vocational Manpower Program Services both co-ordinate and operate training activities. Program co-ordination is provided among the two technical institutes and the five vocational centres. Three regional services units in Edmonton, Calgary and Slave Lake, also undertake a co-ordinative role in programming with Business, Industry, other public agencies, and Canada Manpower.

Technical/Vocational Services is directly responsible for operation of the Alberta Petroleum Industry Training Centre, the Community Vocational Centres program in northwest Alberta, and the Rural Alberta Driver Training Programs, previously falling within the Division of Vocational Education.

Additional future responsibilities will include:

1) establishment of effective working relationships with private trade schools;

2) development of guidelines and procedures for the administration and monitoring of PEP programs;

3) extension and modification of regional services.

ADMINISTRATIVE SERVICES

REPORT OF THE ADMIN'STRATIVE SERVICES DIVISION

H. Kolesar, Assistant Deputy Minister (from April 1, 1973)

The Administrative Services Division was formally established April 1, 1973. Through its six constituent branches, it provides leadership-service in the administration of institutions of higher and further education, as well as for the internal operation of the department. Major responsibilities relate to operational and capital financing, physical planning, and legislation.

For the reporting period, the Assistant Deputy Minister was engaged in:

1) planning and developing the structure of the division;

2) employment of appropriate staff;

3) developing a three-year operating grants plan for universities,

4) facilitating the transfer of finance operations administration from Alberta Education.

Future functions of the division will include:

1) development of long-range financial programs for colleges and universities;

2) examination of alternative matching grants programs,

3) co-ordination of OECD/CMEC review of higher and further education in Alberta;

4) revision and consolidation of legislation affecting the education of adults.

REPORT OF ADMINISTRATIVE SERVICES, COLLEGES AND UNIVERSITIES

C. A. Lee, Director (effective September 1, 1973)

Administrative Services to Colleges and Universities, was not operational during the reporting period. Its efforts will focus on liaison with administrative officers of colleges and universities in the development and implementation of institutional management information systems, and in the establishment and maintenance of co-operative planning endeavors.

Anticipated duties relate to:

1) examination of alternative plans for the financing of independent colleges;

2) development of policies and procedures for the establishment of special purpose institutes;

3) rationalization of effort and funding in university research.

REPORT OF ADMINISTRATIVE SERVICES, PROVINCIALLY ADMINISTERED INSTITUTIONS

H. E. Ottley, Director (effective September 16, 1973)

Administrative Services to Provincially Administered Institutions was not operational during the reporting year. The major purpose is to maintain administrative liaison with the heads of provincially operated institutions--technical institutes, agricultural and vocational colleges, adult vocational centres, and the Alberta Petroleum Industry Training Centre. This kind of leadership-service was formerly provided for the three Agricultural and Vocational Colleges through the office of J. E. Hawker, Director, Regional Colleges Division.

Anticipated duties will include:

1) examination of alternatives for governing provincially-operated institutions;

2) review and analysis of institutional administrative leadership-service in re-designing the administrative structures of the institutes, agricultural and vocational colleges, and vocational centres;

3) assessing the future role of the farms associated with the agricultural and vocational colleges.

REPORT OF CAMPUS DEVELOPMENT SERVICES

M. R. Fenske, Director (effective April 1, 1973)

Campus Development Services is intended to provide leadership-service in capital development planning throughout the entire higher and further education system. During the reporting period, a major activity involved consolidation and correlation of information from the previous capital developments of the Alberta Colleges Com-

mission, the Alberta Universities Commission, and the department.

Future responsibilities will involve:

1) development of policies and procedures for equipment and furnishings inventories;

2) assessment and conduct of space and buildings needs surveys,

3) leadership-service in the preparation of a five-year capital plan for the various institutions and sub-systems in advanced education;

4) preparation of annual capital estimates.

REPORT OF FINANCE OPERATIONS SERVICES

W. G. Edmonds, Director (effective September 1, 1973)

Finance Operations Services was not operational during the reporting period. Its major responsibility is to provide the services previously shared with the Finance, Statistics, and Legislation Branch of Alberta Education. The specific duties relate to the conduct and control of financial transactions within the department and between the department and the institutions being served.

Anticipated duties relate to:

1) development of a new procedural manual governing financial operations;

2) preparation of claims to Canada for fiscally-supported and joint programs;

3) establishment of policies and guidelines regarding revenue from escheated estates; and

4) implementation of a program budgeting system.

REPORT OF FINANCE PLANNING SERVICES

J. F. Batty, Director (effective April 1, 1973)

One of the major activities of Finance Planning Services was to develop the budget of Advanced Education in consultation with the Provincial Treasury. Until the end of the reporting year the branch was involved with consolidation of

budgeting activities of the Alberta Colleges Commission, the Alberta Universities Commission, and the department.

Future functions will include:

1) collection, synthesis, and reporting of management information related to budgeting;

2) leadership-service in the development of long-range financing policies and procedures for public colleges, provincial insttutions, independent colleges, and universities;

3) preparation of annual operating estimates.

REPORT OF LEGISLATIVE SERVICES

R. D. Karoles, Director (effective November 4, 1973)

Legislative Services was not operational during the reporting year. Its first and major task will be leadership-service in the review, revision and consolidation of all legislation affecting the education of adults in Alberta. Another task involves the establishment and day-to-day implementation of policies and procedures for the preparation and approval of orders-in-council, ministerial orders, and regulations related to the on-going activities of the department. Legislative Services will also offer consultative services to other branches and institutions within the department.

OTHER SERVICES

Alberta
ADVANCED EDUCATION

COMMUNICATIONS BRANCH

L. T. Shorter, Director (July 1, 1972 to September 30, 1972, and January 1, 1973 to April 30, 1973)
N. J. Chamchuk, Director (since May 1, 1973)

The Communications Branch is primarily concerned with providing linkages between people who have information and people who need information. The major emphases are on relating and interpreting programs and policies to the direct interest groups and to the public at large. Less visible, but of marked importance is the internal role of linking policy development to policy enunciation, and of orchestrating departmental communications.

In many cases the branch translates complex statements of programs and policies into terms interpretable to the general public. At the same time, public comment and reaction to educational practice is monitored to provide input into policy formulation.

During the 1972-73 reporting year the Communications Branch served both Advanced Education and Education. As well, many organizations and institutions outside of government were provided with assistance where educational responsibilities overlapped.

The major activities directly related Advanced Education included:

News Releases: 40 news releases, a number of feature articles, and accompanying photographs were prepared and distributed.

Publications: 700 copies of the first annual report of Alberta Advanced Education were prepared and distributed.

Conferences: Staff members attended a number of conventions and conferences of organizations related to Advanced Education.

Cabinet Committee on Education: Mr. Shorter spent the period from October to December 1973 as executive secretary to the Cabinet Committee on Education to monitor responses from the public.

Public Affairs Bureau: The branch provides liaison with services provided by the Public Affairs Bureau on behalf of Advanced Education.

PERSONNEL BRANCH

D. B. Pinckston, Personnel Officer

The function of the Personnel Branch is to furnish support services in matters of personnel selection, position classification, instructor preparation, employee documentation and regulation interpretation. The branch also acts in an advisory capacity to departmental branch heads on the general application of personnel policy.

Again during 1972-73 the Personnel Branch served the combined needs of Alberta Advanced Education and Alberta Education. Services were provided within the legislative authority of the Public Service Act together with the general oversight of the Public Service Commissioner's Office.

Alberta Advanced Education, for the year ending June 30, 1973, conducted a total of 134 selection panels from which 157 people were appointed. Position reclassifications and job descriptions submitted for updating purposes only amounted to 136 transactions.

DEPARTMENT STAFF COMPLEMENT AS OF JUNE 30, 1973

NAME	FILLED	VACANT
Minister's Office	4	0
General Administration	24	26
Students' Finance Board	52	14
Agricultural & Vocational Colleges Administration	3	2
Olds College	77	15
Vermilion College	64	9
Fairview College	37	5
Further Education	2	1

NAME	FILLED	VACANT
AVC Lac La Biche	2	4
SAIT	688	41
NAIT	709	41
Vocational Education	32	15
Alberta Petroleum Industry Training Centre	7	2
AVC Edmonton	67	4
AVC Calgary	65	10
AVC Fort McMurray	80	18
Overseas Project	1	1
AVC Grouard	32	18
Satellite Centers	10	5
TOTAL	1956	231

INSTITUTIONS ADMINISTERED BY ALBERTA ADVANCED EDUCATION

Alberta
ADVANCED EDUCATION

REPORT OF THE INSTITUTES OF TECHNOLOGY

In Alberta, education is served by two institutes of technology.

The newer of the institutes, the Northern Alberta Institute of Technology, was established in Edmonton in 1962 with the admission of the first apprenticeship class. Four program divisions were organized: technology, apprenticeship, business and vocational, and evening credit. Full-time and part-time programs were offered through facilities located in north-central Edmonton. Eleven years of history have seen a rapid development of facilities and programs at NAIT. A 31-acre site now supports buildings with an area of approximately 22 acres.

The Southern Alberta Institute of Technology was established in 1916 when, on the recommendation of a Royal Commission of 1914, a provincial institute of technology and art commenced operation. The institute and its programs were designed to provide training that was vocational and semi-professional in nature. By 1946, programs were offered through facilities on the present north Calgary site in six divisions: technology, cultural, trade training, evening courses, correspondence and industrial arts teacher training. With the establishment of NAIT, the name was changed to the Southern Alberta Institute of Technology. Today SAIT is best understood in terms of its major programming units. These are the Alberta College of Art, Business Education Division, Communications Arts Division, the Engineering Technologies Division, the Medical Science Division, and the Trades Division.

REPORT OF THE NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY

G. W. Carter, President

During the 1972-73 term, NAIT registered 8,782 students in the business, industrial, technical, and apprenticeship programs. In addition, 11,121 students registered in one or more of the 399 courses provided by the Continuing Education Division. (See Statistical Table E).

Two major building projects on the NAIT campus were nearing completion at the end of the 1972-73 term. An activities centre was scheduled to be ready for occupancy by September 1, 1973. A 1,000 car parkade was also constructed during the year. The parkade, scheduled for completion October, 1973, will provide not only the additional parking that is immediately required, but will also help to replace the anticipated loss of temporary parking areas that are being leased on a month-to-month renewal basis.

The total staff complement was 745. Eight were granted foreign service leave for postings in Zambia, Kenya, Guiana, Peru, and Jamaica under contract with the Canadian International Development Agency. Twenty-two faculty members were granted educational leave either to upgrade or update their technical or academic qualifications.

The students' association at NAIT initiated and organized a number of outstanding student activities during the year. The association spent $25,000 to equip a campus recreational centre with billiard tables, games machines, and to install automatic pin-setters for the bowling alleys.

Through their efforts, a lounge seating area to accommodate 171 persons in one of the main foyers was equipped with furniture which was designed, fabricated and

installed by the students themselves.

Student Radio Station CHNR began providing regular programs to Station CHQT.

Students actively participated in community service programs such as Shinerama, Santas Anonymous and Blood Donor Clinics. A float advertising NAIT's Shinerama Campaign was entered in the Klondike Days parade. In intramural athletics, 2,867 students participated in one or more of the 32 intramural sports that were offered. In interscholastic athletics, the NAIT athletic board sponsored 25 teams involving 201 student athletes. NAIT won second place in the Alberta College Athletic Conference, and in the Four West Championships (Western Canada) NAIT placed first in men's, women's, and mixed curling and second in men's volleyball.

There were excellent job opportunities for graduates. Out of the 733 graduates who registered for employment, 463 were placed by the student placement office and 261 through other means.

Students attending NAIT borrowed a total of $1,769,955 during the year. 1,706 students took out loans for an average of $1,037 per student.

341 individual student awards, in the amount of $28,770 were distributed among 282 students. This included 107 Queen Elizabeth Prizes worth a total of $5,350, plus 26 prizes in the form of reference books, certificates, desk sets, etc.

During the fiscal year total sales at the NAIT bookstore were $367,969, an increase of $17,904 or 5.11% over the previous year. Purchases for the year were $296,307, an increase of 14.91%. At March 30, 1973, the end of the fiscal year, the total physical inventory was valued at $90,163.

The NAIT bookstore reported the following figures for the fiscal year: freight expenses -- $3,323; total operating expenses -- $52,279; net profit -- $10,277 (2.79 per cent of total sales).

REPORT OF THE SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY

F. C. Jorgenson, President

During the 1972-73 term, the number of students served by SAIT's regular day programs, continuing education courses, correspondence and special courses grew to over 19,000. (See Statistical Table F). Continuing education experienced the most rapid growth. During the year, 282 courses were offered to a total enrollment of 8,654. The correspondence program, part of SAIT's continuing education operation also grew to 3,917 students during the year.

To accommodate the increasing student population, the size of the staff also increased. Of the 893 staff members, 444 were instructors, 254 administrative and support personnel, and 195 were members of the Alberta Public Works staff.

The demand for student services increased during the academic year. The Student Services Division, consisting of health services, counselling, student activities, student athletics and student housing, dealt with the myriad of non-academic problems and needs of SAIT's students.

Student participation reached an all-time high with 75 per cent participating in at least one of the 79 extracurricular activities offered. Most notable in participation growth was the recreation area with a 14 per cent increase.

Student government continued to play a vital role in SAIT's affairs by assisting in numerous administrative and organizational tasks. Students who were involved

also addressed themselves to broader matters such as the Report of the Commission on Educational Planning, and SAIT governance, in addition to providing leadership in the formation of a new provincial student organization.

SAIT continued to actively pursue its relationship with the community through the various public information sources at its disposal. While normal contact was maintained with newspapers, radio and television broadcasters, an intensified program was aimed at the high schools.

A series of publications including a general brochure on the campus were distributed, along with information sheets on the various programs. Supplementary audio-visual materials were made available to the schools. The audio-visual program was co-ordinated by the SAIT counselling office.

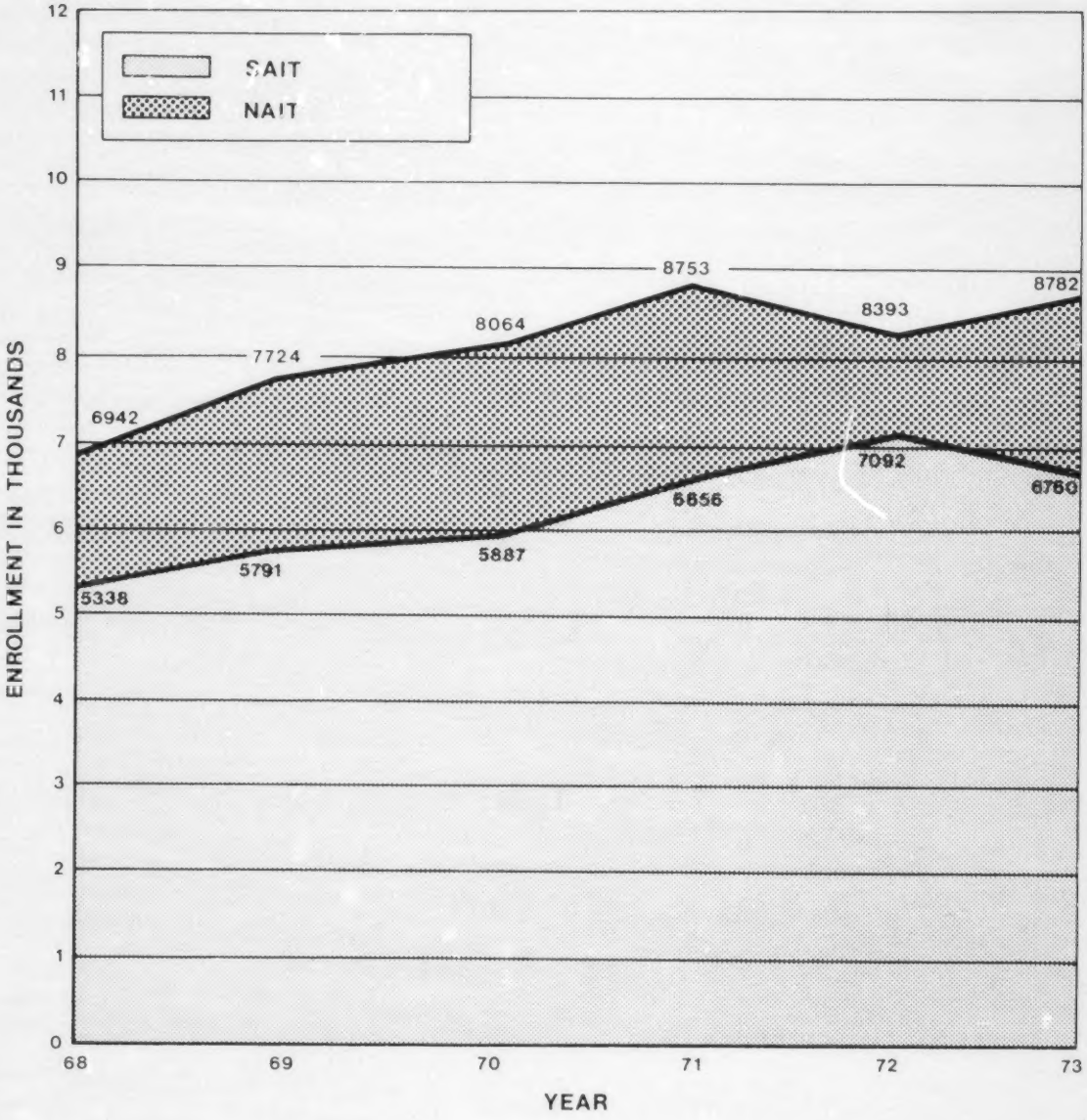
During the fiscal year total sales at the SAIT bookstore were $336,205, an increase of $53,075 or 18.74 per cent over the previous year. Purchases for the year were $282,348, an increase of 10.71 per cent. At March 30, 1973 the total physical inventory for the preceding 12 months was valued at $147,388.

The SAIT bookstore reported the following figures for the fiscal period: freight expenses -- $3,496; total operating expenses -- $57,124; net profit -- $4,684 (1.39 per cent of total sales).

BEST COPY AVAILABLE

FIGURE III

ENROLLMENTS AT NAIT AND SAIT
1968–1973



These are not total enrollment figures since they do not include continuing education (extension) students. In 1973, NAIT enrolled 11,121 such students; SAIT, 8,654 plus 3,917 correspondence students.

REPORT OF THE AGRICULTURAL AND VOCATIONAL COLLEGES

Under the Agricultural Schools Act of 1913, provincial agricultural schools were defined as institutions designed for the purpose of teaching practical and scientific farming, household economy, domestic science and other subjects. Schools were built in 1913 at Olds, Vermilion and Claresholm. In 1920 schools were added at Raymond, Gleichen and Youngstown. Fairview College opened in 1951. Today, colleges remain at Olds, Vermilion and Fairview. These colleges, formerly under the jurisdiction of Alberta Agriculture, came under Alberta Advanced Education through legislation enacted on June 2, 1972.

Today, each of the three colleges offers academic and vocational programs with specialties in those areas relating to agriculture and agricultural industries.

FAIRVIEW COLLEGE

J. A. R. Palin, Principal (ending August 1, 1973)
A. J. Nicol, Principal (since August 20, 1973)

In the 1972-73 academic year Fairview College registered a total of 80 students in day courses in agriculture, business trades and vocational preparation upgrading. Special short courses, aimed mainly at the agriculture community, had an enrollment of 132 students, including students registered under the PEP program. Fifty-two students were enrolled in the colleges summer program. In the latter, concentration was on the dressmaking courses. (See Statistical Table G). Evening courses were a combination of trade and interest courses. The total enrollment for evening courses during the academic year was 123 students.

The use of facilities for meetings/seminars/courses offered from outside Fairview College as well as special events had a total attendance of 11,298 persons for 179 events.

The college farm continued to be used in three ways during the year: teaching students, demonstrations of the management of livestock, and applied research. During 1972-73 an agreement was reached between the Canada Department of Agriculture's Beaverlodge Research Station, the Alberta Department of Agriculture's regional staff, and the college Plant and Animal Science Department, whereby a silage research program would be undertaken on the college farm in the future.

OLDS COLLEGE

J. E. Birdsall, Principal (retirement effective August 31, 1972)
W. J. Collin, Principal (since September 1, 1972)

Graduation 1973 marked the completion of 60 consecutive years of operation for Olds College.

During the 1972-73 academic year, the college enrolled nearly 600 students, an increase of 20 per cent in the fall session and 28 per cent in the winter session. (See Statistical Table G). More than 2,000 students enrolled in continuing education courses, while approximately 25,000 persons used college facilities for meetings, workshops, and seminars.

Enrollment in correspondence courses rose to over 300 with the second in a series of farm management courses. Meanwhile, preparation continued in the third course in the series. In keeping with the recognized need for new and more information in all aspects of farming, preparation also continued on additional correspondence courses in agriculture.

Olds College is the North American headquarters for international agricultural exchange. As a result, the college was host to more than 300 young people from Europe, Australia and New Zealand who participated in the International Agricultural Exchange Program. The college maintains a permanent office for IAEA

with the principal acting as western director.

The students' council and the faculty association took an active interest in the overall operation of the college as well as post-secondary education across the province. During 1972-73, two [illegible] intercollegiate student workshops were held. In addition, the faculty association and the college administration presented briefs concerning the reorganization and operation of Alberta Advanced Education.

During the reporting period, library capabilities were expanded at Olds College. At the same time a start was made in the development of plans for a new learning resources centre. Site development also continued with the seeding of new lawns and the planting of trees and shrubs.

VERMILION COLLEGE

W. S. Baranyk, Principal

The fiscal year 1972-73 saw the expansion of many programs at Vermilion College, thereby providing service to an increasing number of persons.

Approximately 1,035 persons completed training programs during the academic year, a 24 per cent increase over the previous year. (See Statistical Table G). The use of college facilities and involvement of staff in district course and program offerings was such that both space and personnel were in short supply during a large part of the year. It also made necessary the appointment of a person to co-ordinate the education programs in the St. Paul-Grande Centre region.

The year saw the emergence of three new programs at Vermilion College. They included welding technology, fire engineering technology and aerial pesticide applicators technology. The renewable resources program continued to attract a vast amount of interest. It was found necessary to divide it into three tech-

nologies: conservation, outdoor recreation, and wildlife and fisheries. Other technology programs remained essentially unchanged although advisory committees were kept involved in an effort to maintain the relevancy of all programs.

The number of correspondence courses offered by the college grew to six during the year. Short courses also increased in number and popularity. Classes were held at several off-campus centres to meet expressed needs of the local people.

A total of 13 PEP courses were provided by the college during the 1972-73 academic year. A number of these were duplicated at Camrose, Bonnyville, St. Paul, Lloydminster as well as Vermilion. The result was that more than 475 students completed PEP courses.

Students were involved in a wide range of competitive sports during the year, particularly in football and wrestling. Hockey and basketball were other major sports activities engaging student interest. The institution of a rodeo school permitted many interested students to gain a knowledge of fundamentals which paid off for them during the inter-collegiate rodeo series.

Various staff members, often accompanied by students, visited many high schools in the area as well as participating in regional career fairs, in an effort to make the college as well known as possible. Through the preparation of a number of one-page brochures, information was made available on individual programs.

Graduation exercises and the alumni re-union took place on June 30, 1973. For the first time in the history of Vermilion College the event was held outdoors.

ALBERTA VOCATIONAL CENTRES

The Alberta vocational centres had their beginning in Edmonton and Calgary during the Second World War. Initially they were established to train armed forces personnel and war-production workers. Following the war, the centres provided vocational training to veterans. Later, in the 1960's, their main emphasis was on the training of unemployed adults.

Within the past four years, three additional Alberta vocational centres have been established. AVC Grouard had previously been operated by the Northlands School Division. The operation of AVC Lac La Biche was previously under the former Alberta Newstart. AVC Fort McMurray was established by the provincial government in 1965.

Today, the function of the AVC's is to enable adults to: a) receive academic upgrading for entry into further post-secondary training leading to employment, b) receive programs leading directly to employment, and c) obtain training, if they are disabled, for their return to the labor force.

Students are either placed or enter the AVC's in a variety of ways. They may be sponsored by the province under Alberta Vocational Training or sponsored under Canada Manpower. They may also become registered students through the Department of Indian Affairs, Alberta Health and Social Development, through the Canada Assistance Plan for physically handicapped persons, or through the direct payment of fees.

ALBERTA VOCATIONAL CENTRE, CALGARY

J. E. Crowe, Centre Supervisor

In 1972-73 the Alberta Vocational Centre, Calgary enrolled approximately 1,400 students and provided approximately 110,000 student days of training. (See

Statistical Table H). Enrollments began to show a substantial increase in September, 1972. This had followed a period during which the centre was moved to new facilities in Calgary's Churchill Park Redevelopment Area in April, 1972.

During the academic year several new programs were begun at the centre. These included the nursing orderly program as well as several specialized short programs under PEP. The short-term programs included operating room assistants (technicians), bank clerks, and machine accounting. Approximately 60 per cent of the enrolled PEP students were sponsored by various provincial government departments.

AVC Calgary's Nursing Aide Training School was moved during the academic year from its former location on the campus of the Southern Alberta Institute of Technology to the centre's para-medical section on the sixth floor.

ALBERTA VOCATIONAL CENTRE, EDMONTON

S. G. Souch, Centre Supervisor (ending November 1, 1973)
W. Romanko, Acting Centre Supervisor (effective December 1, 1973)

The Alberta Vocational Centre, Edmonton provided training to some 2,359 adults in 1972-73. The continuous 12-month operation of the institution resulted in a record 216,429 student days of training. (See Statistical Table H). The year was also active in terms of program development and increased building utilization by external agencies and organizations.

Academic upgrading continued to attract the largest number of students. This program consists of mathematics, science and English (communications skills) prerequisite courses. The centre also enrolled a greater number of students entering basic education, (i.e. grades 0-8).

Canada Manpower purchased additional training places in business education and

occupational English courses during the peak winter unemployment, whereas academic upgrading and nursing orderly training operated at the level planned for.

The centre once again participated in the PEP program. Additional numbers of unemployed persons were registered in two ongoing programs -- upgrading and business education. However, three skill training courses -- custodial, family aide, and food and beverage (mixology) -- were initiated especially to meet local shortages in skilled manpower.

A learning resources centre was constructed in one portion of the AVC Edmonton library. The purpose of the Centre was to afford the students an opportunity to use audi-visual learning aids on their own. In addition, a vocational and education information centre was established in the Counselling Department. A new office complex including a boardroom-workshop facility was constructed on the main floor to accommodate the centralization of student records under the direction of a newly-appointed registrar.

ALBERTA VOCATIONAL CENTRE, FORT McMURRAY
D. A. Schmit, Centre Supervisor

The Alberta Vocational Centre, Fort McMurray continued to operate out of temporary facilities. During the academic year the number of students completing day-time programs was 620. Three hundred and twenty students participated in continuing education and outreach programs. There were a total of 43,415 student days of training recorded at the centre during the year. (See Statistical Table H).

The technical-vocational programs of automotives, building construction, career driving, heavy equipment operating, pipe trades and welding were offered as in previous years. Small engine repair, journeyman upgrading in carpentry and millwrighting, and sideboom operation in pipeline laying were programs that were added.

Emphasis was again placed on academic upgrading and pre-trade upgrading courses, business education and cooking, and specialized courses for industry. In addition, continuing education services were increased by a number of program offerings.

Outreach programs in academic upgrading, farm welding, marine engine repair and small engine repair were operated in outlying communities as far north as Fort Chipewyan and as far south as Lac La Biche.

As in the past, considerable service was contributed to the community through community use of facilities, snow removal on the town streets, gravel and dirt hauls, and numerous training projects carried out for the Town of Fort McMurray and community organizations.

ALBERTA VOCATIONAL CENTRE, GROUARD

E. J. White, Centre Supervisor

Completing its third year of operation, the Alberta Vocational Centre at Grouard offered 28,563 student training days to some 386 students. (See Statistical Table H).

Extensively committed to academic upgrading or basic education (see AVC, Edmonton) for citizens of northwest Alberta, the centre offers short, prevocational training in business education, welding, and English as a second language. In the 1972-73 academic year the Education Technician Program continued to be successful. The program has been developed in conjunction with community vocational centre activities in the Slave Lake region.

The location and orientation of the Alberta Vocational Centre, Grouard is intended to make it highly responsive to the educational needs of the native people of the northwest region of the province.

ALBERTA VOCATIONAL CENTRE, LAC LA BICHE

D. E. Hubert, Centre Supervisor (April 1, 1973)

The Alberta Vocational Centre, Lac La Biche came into existence on April 1, 1973 at which time a centre supervisor was appointed.

The first and major concerns of the centre were: a) the smooth transfer of classroom dormitory and kitchen facilities to Alberta Advanced Education from Alberta Newstart, and b) to gain the acceptance of the AVC by the surrounding community. That this was achieved without any disruption or friction can be at least partially attributed to the formation of an advisory board to the centre. As with the advisory boards of other vocational centres, the AVC Lac La Biche Advisory Board represents groups within the community which have an educational interest in the operation of the centre.

Other important activities from April 1, 1973 to June 30, 1973 included defining the role and program of the centre, as well as planning, budgeting and staffing for program offerings commencing in the fall of 1973.

COMMUNITY VOCATIONAL CENTRES

Operative in isolated communities in the Slave Lake region of northwest Alberta, the community vocational centres offer programming in basic literacy, academic upgrading and vocational orientation.

Decisions regarding the operation of the centres is done at the local level through advisory boards. They identify community educational needs and advise Alberta Advanced Education in such matters as the facility and staff requirements.

Approximately 32,000 student days of training were received by 300 students during

1972-73 in community vocational centres at Kinuso, High Level, Wabasca, McLennan, and 16 other isolated communities.

ALBERTA PETROLEUM INDUSTRY TRAINING CENTRE

C. J. Frankovitch, Centre Supervisor

The Alberta Petroleum Industry Training Centre was established in 1966 through the co-operative efforts of the Canadian Association of Oilwell Drilling Contractors and Alberta Education. Its purpose is to provide the physical facilities and instructors to present courses in the various aspects of oil well drilling.

Greater responsibility now is being placed on rig personnel at all levels. More difficult drilling conditions are being encountered, and the advances in techniques and equipment require that the rig worker increases his working knowledge. The members of the Canadian Association of Oilwell Drilling Contractors (CAODC) established the Oilwell Drilling Technician Program to recognize the work experience, initiative and training of their personnel. The program is designed to help personnel keep ahead of changes in the industry and to ensure that the oilwell drilling industry continues to attract young and aggressive men.

During the 1972-73 academic year, APITC has been the consultant to the Norwegian Association of Drilling Contractors in the establishment of an oilwell drilling school for offshore drilling at Stavanger, Norway. This school is set up along the lines of the APITC and includes instruction on a full-size drilling rig. (See Statistical Table 1).

STATISTICAL APPENDIX

Alberta

ADVANCED EDUCATION

DIVISION OF VOCATIONAL EDUCATION

Table A. Alberta Vocational Training Program Enrollments

A. 1 by type of institution

A. 2 by nature of referral

Table B. Canada Manpower O.T.A. Training Purchases

B. 1 general programs

B. 2 apprenticeship

Table C. Vocational Rehabilitation of Disabled Persons Agreement

Table D. Nursing Aide Training Enrollments

TECHNICAL INSTITUTES

Table E. Northern Alberta Institute of Technology

E. 1 Comparative Total Enrollments 1971-72, 1972-73

E. 2 Business Education and Vocational Division Enrollments

E. 3 Industrial Division Enrollments

E. 4 Apprenticeship Division Enrollments

E. 5 Technology Division Enrollments

E. 6 Continuing Education Division Enrollments

Table F. Southern Alberta Institute of Technology

F. 1 Comparative Total Enrollments 1971-72, 1972-73

F. 2 Applied Arts Enrollments

F. 3 Technology Enrollments

F. 4 Trade Enrollments

F. 5 Apprenticeship Enrollments

F. 6 Continuing Education Enrollments

AGRICULTURAL AND VOCATIONAL COLLEGES

Table G. Enrollments, Fall 1972, Winter and Spring 1973

ALBERTA VOCATIONAL CENTRES

Table H. Enrollments by Centre

ALBERTA PETROLEUM INDUSTRY TRAINING CENTRE

Table I. Enrollments

TABLE A) ALBERTA VOCATIONAL TRAINING PROGRAM

A. 1 According to Type of Institution Attended

Institution	No. of Students Admitted to Training	No. of Possible Student Days of Training
Technical Institutes	60	7,084
Alberta Vocational Centres	2,221	159,779
Alberta Petroleum Industry Training Centre	783	4,191
Agricultural and Vocational Colleges	33	1,226
Private Schools	284	14,410
Priority Employment Training	3,848	173,790
Community Colleges	67	6,212
Others	2,004	162,118
TOTAL	9,300	528,810

A. 2 According to Nature of Referral

	No. of Students	No. of Student Training Days
Alberta Vocational Training	8,329	443,677
Rehabilitation	971	85,133
TOTAL	9,300	528,810

TABLE B) CANADA MANPOWER O.T.A. TRAINING PURCHASES

B. 1 General Purchase

Institution	No. of Students Admitted to Training	No. of Possible Student Days of Training
Technical Institutes	304	29,760
Alberta Vocational Centres	2,961	227,716
Alberta Petroleum Industry Training Centre	439	3,332
Nursing Aides	135	28,783
Agricultural and Vocational Colleges	71	3,893
Community Colleges	936	69,169
Agricultural Courses	1,469	132,787
Others	57	5,837
TOTAL	6,372	501,277

B. 2 Apprentice Purchases

	No. of Students Admitted to Training	No. of Possible Student Days of Training
Apprenticeship Training	10,524	317,546

The level of Canada Manpower purchase was as follows:

	Spaces	Training Days
General Purchase	6,372	501,277
Apprenticeship	10,524	317,546

TABLE C) VOCATIONAL REHABILITATION OF DISABLED PERSONS AGREEMENT

Enrollment	971
Student Days of Training	85,133

TABLE D) NURSING AIDE TRAINING — ENROLMENTS

CALGARY - Enrollment	199
- Student Days of Training	44,442
EDMONTON - Enrollment	205
- Student Days of Training	50,169
TOTAL - NURSING AIDE TRAINING	
- Enrollment	404
- Student Days of Training	94,611

TABLE E) NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY

E.1) COMPARATIVE TOTAL ENROLLMENTS

PROGRAM	1971-72	1972-73
Business & Vocational	1,405	1,604
Industrial Division	454	539
Apprenticeship Division	4,732	4,694
Technology Division	1,802	1,945
Continuing Education	9,823	11,121
TOTAL	18,216	19,903

NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY

E.2) BUSINESS EDUCATION AND VOCATIONAL DIVISION

PROGRAM	ENROLLMENT 1971-72	1972-73
Accounting & Financial Administration	---	207
Administrative Management	---	200
Barbering	23	41
Beauty Culture	62	67
Business Administration	354	---
Commercial Baking	15	15
Commercial Cooking	90	99
Computer Systems Technology	123	139
Dietary Technology	62	67
Host-Hostess	36	8
Marketing Administration	216	213
Meat Cutting & Butchering	30	31
Medical Record Librarian	31	31
Medical Typist	31	63
Office Machine Technician	22	20
Secretarial Technology	156	182
Sewing	110	121
Teller Training & General Business	44	46
TOTAL	1,405	1,604

NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY

E.3) INDUSTRIAL DIVISION

PROGRAM	ENROLLMENT 1971-72	1972-73
Air Conditioning & Refrigeration Technology	36	35
Building Construction Technology	36	54
Commercial Signwriting	15	15
Electrical Technology	70	73
Forest Technology	85	92
Industrial Heavy Equipment Technology	54	52
Industrial Production Technology	24	26
Millwork and Carpentry	22	30
Telecommunications Technology	112	162
TOTAL	454	539

NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY

E.4) APPRENTICESHIP DIVISION

PROGRAM	ENROLLMENT 1971-72	1972-73
Auto Body	173	188
Baker	25	28
Bricklayer	55	69
Carpenter	284	320
Cook	40	42
Electrician - Communications	155	107
Electrician - Construction	748	709
Electrician - Power	78	87
Floorcovering	49	48
Gasfitting	49	63
Heavy Duty Mechanic	206	266
Instrument Mechanic	46	58
Insulator	14	44
Lathers	26	17
Machinist	92	89
Millwright	62	78
Motor Mechanic	833	836
Painting and Decorating	108	106
Partsman	75	86
Plasterer	22	12
Pipe Trades	307	249
Plumbers	293	255
Pre First Year General	22	24
Pre First Year Math	32	32
Radio Technician	74	75
Roofers	52	54
Sheet Metal	229	201
Steamfitter	92	83
Tilesetter	10	8
Welder	431	460
TOTAL	4,732	4,694

NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY

E.5) TECHNOLOGY DIVISION

PROGRAM	ENROLLMENT 1971-72	1972-73
(Academic) Pre Technology	53	---
Adult Pre Technology	83	---
Architectural Technology	139	166
Biological Sciences Technology	116	133
Chemical Technology	115	117
Civil Technology	136	139
Dental Assisting	43	53
Dental Laboratory Technology	49	49
Drafting Technology	72	66
Earth Resources Technology	---	111
Electronics Technology	257	250
Electronics Technician	39	49
Exploration Technology	118	---
Food Technology	27	28
Gas Technology	79	60
Instrumentation Technology	76	99
Materials Testing & Metallurgy Technology	22	31
Medical Laboratory Technology	71	70
Medical X-Ray Technology	65	67
Photographic Technology	54	43
Plastics Technology	33	31
Pre-Technology Plans A, B and C	---	218
Radio and Television Arts	47	70
Respiratory Technology	22	27
Social Services Technology	42	---
Steel Detailing Technician	---	11
Surveying Technology	44	57
TOTAL	1,802	1,945

NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY

E.6) CONTINUING EDUCATION DIVISION

YEAR	NO. OF PROGRAMS	ENROLLMENT
1971 - 72	349	9,823
1972 - 73	398	11,121

TABLE F) SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY

F.1) COMPARATIVE TOTAL ENROLLMENTS

PROGRAM	1971-72	1972-73
Day: Institute	3,735	3,409
Apprentice	3,357	3,351
Continuing Education	5,192	8,654
Correspondence	3,116	3,917
TOTAL	15,400	19,331

SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY

F.2) APPLIED ARTS DAY PROGRAMS

	ENROLLMENT	
	1971-72	1972-73
Business Administration	371	349
Dental Assisting	20	20
Graphic Arts Administration	30	26
Emergency Medical Technician	20	--
Emergency Para-Medical Care	--	22
Hotel, Motel & Restaurant Administration	71	92
Journalism Administration	83	107
Library Arts	55	57
Medical Records	46	--
Medical Records and Medical Transcription	--	58
Secretarial Arts	115	101
Television, Stage and Radio Arts	63	73
TOTAL	874	905

SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY

F.3) TECHNOLOGY DAY PROGRAMS

PROGRAM	ENROLLMENT	
	1971-72	1372-73
Aeronautical Engineering Technology	44	17
Air Conditioning Engineering Technology	30	30
Aircraft Maintenance Technology	59	74
Architectural Technology	26	--
Architectural Technologies	--	90
Automotive Service Technology	57	70
Chemical Engineering Technology	25	40
Chemical Technology	99	96
Computer Technology	137	99
Dietary Service Technology	36	29
Drafting Technology	23	--
Electrical Engineering Technology	62	80
Electronics Engineering Technology	293	--
Electronics Programs	--	367
Engineering Graphics	58	--
Engineering Graphics Technology	--	94
Environmental Technologies	73	--
Industrial Engineering Technology	39	33
Mechanical Engineering Technology	45	79
Medical Laboratory Technology	48	48
Petroleum Engineering Technology	154	--
Petroleum Technology	--	144
Power Engineering Technology	63	74
Respiratory Technology	20	20
Structural Engineering Technology	76	80
Surveying Technology	51	65
TOTAL	1,518	1,629

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F.4) REGULAR TRADE DAY PROGRAMS

PROGRAM	ENROLLMENT 1971-72	1972-73
Basic Plant Operations	44	22
Commercial Baking	31	23
Commercial Cooking	90	108
Dining Room Service	30	30
Diesel Mechanics	49	56
Recreation Facility Operations & Maintenance	26	28
Short Order & Specialty Cooking	36	37
Welding	50	79
Pre-Careers	58	52
	414	435
Part-time students in Diploma Programs	126	119
Alberta College of Arts Programs	290	321
TOTAL	3,735	3,409

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F.5) APPRENTICE PROGRAMS

PROGRAM	ENROLLMENT 1971-72	1972-73
Appliance Servicemen	17	24
Auto Body Mechanic	122	150
Carpenter	300	278
Communication Electrician	209	195
Cook	50	41
Electrician	622	627
Electrician Mechanic	23	25
Glassworker	31	35
Heavy Duty Mechanic	221	165
Steel Fabricators	71	91
Machinist	42	47
Motor Mechanic	533	512
Partsman	51	74
Plumber	409	396
Radio Technician	42	43
Refrigerator Mechanic	55	68
Sheet Metal Mechanic	164	166
Welding	361	369
Pre-Apprentice	34	45
TOTAL	3,357	3,351

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F.6) CONTINUING EDUCATION DIVISION

YEAR	NO. OF PROGRAMS	ENROLLMENT
1971 - 72	194	5,192
1972 - 73	282	8,654

CORRESPONDENCE COURSES

YEAR	NO. OF PROGRAMS	ENROLLMENT
1971 - 72	7	3,116*
1972 - 73	11	3,917*

* Figures include those students carried over from previous years.

TABLE G)

AGRICULTURAL AND VOCATIONAL COLLEGES

BEST COPY AVAILABLE

College Enrollment - Fall, Winter and Spring - 1972-73

	OLDS			VERMILION			FAIRVIEW			TOTAL		
	1972 Fall	1973 Winter	1973 Spring	1972 Fall	1973 Winter	1973 Spring	1972 Fall	1973 Winter	1973 Spring	1972 Fall	1973 Winter	1973 Spring
Agricultural Technology	96	127	--	102	114	--	18	18	18	216	259	18
Diesel Mechanics	N/O	N/O	N/O	N/O	N/O	N/O	13	13	13	13	13	13
Fashion Merchandising	54	49	--	N/O	N/O	N/O	N/O	N/O	N/O	54	49	--
Home Economics	N/O	N/O	N/O	12	13	--	N/O	N/O	N/O	12	13	--
Secretarial Arts	43	38	11	15	15	7	16	16	16	74	69	34
Sub-Total	193	214	11	129	142	7	47	47	47	369	403	65
Correspondence Courses	123	109	17	168	174	156	6	--	--	297	283	173
Short Courses	14	142	22	--	50	--	28	--	--	42	192	22
Continuing Education	712	1420	121	121	161	211	123	--	--	956	1581	332
TOTAL	1051	1885	171	289	385	367	157	--	--	1295	2056	527

In addition to the above, Olds College had a combined total enrollment of 73 students during the academic year in the following programs: academic, liberal arts and business administration. Ninety-one students were enrolled in horticulture technology, 203 students in agricultural mechanics, 103 students in fashion merchandising technology, and 43 students in environmental technology. In 1972-73, Fairview College had an enrollment of 52 in apprenticeship day courses, 15 students in vocational preparation and 12 students in high school automotives.

NOTE: 1. N/O - Not Offered

TABLE H) ALBERTA VOCATIONAL CENTRES — ENROLLMENTS

H. 1 Alberta Vocational Centre, Calgary

(Academic Upgrading, Business Education and various short, pre-vocational programs)

Enrollment	1,389
Student Days of Training	110,700

H. 2 Alberta Vocational Centre, Edmonton

(Academic Upgrading, Business Education, Nursing Orderly, Commercial Food Preparation and various other short, pre-vocational programs)

Enrollment	2,359
Student Days of Training	216,429

H. 3 Alberta Vocational Centre, Fort McMurray

(Academic Upgrading, Business Education, Commercial Cooking, Automotives, Building Construction, Welding, Heavy Equipment Operation and various short industrial programs)

Enrollment	719
Student Days of Training	43,415

H. 4 Alberta Vocational Centre, Grouard

(Academic Upgrading, Business Education, Welding, English as a second language)

Enrollment	386
Student Days of Training	28,563

H. 5 Other Vocational Centres (Onoway, Hobbema, etc.)

Enrollment	450
Student Days of Training	20,060

TABLE I) ALBERTA PETROLEUM INDUSTRY TRAINING CENTRE, EDMONTON

Enrollment	1,222
Student Days of Training	7,523